

Docket No. 259939US0PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Alfred RULAND, et al.

SERIAL NO: 10/510,715

GAU:

FILED: October 18, 2004

EXAMINER:

FOR: C10-ALKANOL ALKOXYLATES AND THEIR USE

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

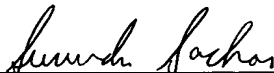
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>259939US0PCT</b>		SERIAL NO. <b>10/510,715</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Alfred RULAND, et al.</b>			
				FILING DATE <b>October 18, 2004</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2 508 036	05/16/50	KOSMIN, Milton			
	AB	4 287 370	09/01/81	HARRIS, Norman et al.			
	AC	5 434 313	07/18/95	HARRISON, George E. et al.			
	AD	5 340 495	08/23/94	MULCAHY, James P. et al.			
	AE	2 921 089	01/12/60	HAGEMEYER, Jr. Hugh J. et al.			
	AF						
	AG						
	AH						
	AI						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AJ	94/11331	05/26/94	WO			NO
	AK	94/11330	05/26/94	WO			NO
	AL	42 37 178	05/05/94	DE			NO
	AM	01/04163	01/18/01	WO			NO
	AN	98/06312	02/19/98	WO (with English abstract & equivalent of CA 2263289)			NO
	AO	0 050 228	04/28/82	EP (equivalent of CA 1162409)			NO
	AP	01/32820	05/10/01	WO (with English abstract)			NO
	AQ	0 620 270	10/19/94	EP			NO
	AR	95/27034	10/12/95	WO			NO
	AS	0 681 865	11/15/95	EP (equivalent of US 5705476)			NO
	AT	0 616 026	09/21/94	EP (equivalent of US 5707948)			NO
	AU	0 616 028	09/21/94	EP (equivalent of US 5981455)			NO
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AV	Beilstein E IV 1, page 3268					
	AW	"Aldehydes, Aliphatic and Aromatic", Ullmanns Encyclopedia of Industrial Chemistry, 5 <sup>th</sup> ed., vol. A1, pages 323-328					
	AX	Roempp. Chemie Lexikon, 9 <sup>th</sup> ed., page 91					
	AY	Marcel Guerbert, C.R. Acad. Sci. Paris 128, 511, pages 1002-1004 1899					
	AZ	VEIBEL, S. et al. "On the Mechanism of the Guerbet Reaction", Tetrahedron, vol. 23, pages 1723-1733 1967				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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				FILING DATE  October 18, 2004		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAA	GEE, Geoffrey et al. "The Polymerization of Epoxides. Part III. The Polymerization of Propylene Oxide by Sodium Alkoxides", J. Chem. Soc., pages 4298-4303 1961					
	AAB	WOJTECH, V. B. et al. "Zur Darstellung hochmolekularer Polyaethylenoxyde", Makromol. Chem., vol. 66, pages 180-195 1966					
	AAC	Edited by PLESCH, P.H. "The Chemistry of Cationic Polymerization", Pergamon Press, New York, pages 45-94 1963					
	AAD	TAI, Louis Ho Tan. "Formulating Detergents and Personal Care Products: A Guide to Product Development", AOCS Press, pages 209-226 2000					
	AAE						
	AAF						
	AAG						
	AAH						
	AAI						
	AAJ						
	AAK						
	AAL						
	AAM						
	AAN						
	AAO						
	AAP						
	AAQ						
Examiner						Date Considered	
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Docket No.: 259939US0PCT

#### STATEMENT OF RELEVANCY

- 1) References AE, AJ-AM have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AA-AD, AN-AAD are discussed in the specification. A copy of these references is being submitted here with.
- 4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.